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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/039,645

DATE: 05/13/2002

TIME: 08:53:08

Input Set : A:\00398.510002.SEQLIST.TXT

Output Set: N:\CRF3\05102002\J039645.raw

4 <110> APPLICANT: Kopin, Alan S.
 5 Beinborn, Martin
 7 <120> TITLE OF INVENTION: Constitutively Active, Hypersensitive,
 8 and Nonfunctional Receptors as Novel Therapeutic Agents
 11 <130> FILE REFERENCE: 00398/510002
 13 <140> CURRENT APPLICATION NUMBER: US 10/039,645
 14 <141> CURRENT FILING DATE: 2001-10-25
 16 <150> PRIOR APPLICATION NUMBER: US 60/243,550
 17 <151> PRIOR FILING DATE: 2000-10-26
 19 <160> NUMBER OF SEQ ID NOS: 87
 21 <170> SOFTWARE: FastSEQ for Windows Version 4.0
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 24 <211> LENGTH: 398
 25 <212> TYPE: PRT
 26 <213> ORGANISM: Homo sapiens
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 31 Leu Ala Gln Ala Ser Cys Ser Pro Ala Pro Gly Ser Trp Leu Asn Leu
 32 20 25 30
 33 Ser His Val Asp Gly Asn Gln Ser Asp Pro Cys Gly Leu Asn Arg Thr
 34 35 40 45
 35 Gly Leu Gly Gly Asn Asp Ser Leu Cys Pro Gln Thr Gly Ser Pro Ser
 36 50 55 60
 37 Met Val Thr Ala Ile Thr Ile Met Ala Leu Tyr Ser Ile Val Cys Val
 38 65 70 75 80
 39 Val Gly Leu Phe Gly Asn Phe Leu Val Met Tyr Val Ile Val Arg Tyr
 40 85 90 95
 41 Thr Lys Met Lys Thr Ala Thr Asn Ile Tyr Ile Phe Asn Leu Ala Leu
 42 100 105 110
 43 Ala Asp Ala Leu Ala Thr Ser Thr Leu Pro Phe Gln Ser Val Asn Tyr
 44 115 120 125
 45 Leu Met Gly Thr Trp Pro Phe Gly Thr Ile Leu Cys Lys Ile Val Ile
 46 130 135 140
 47 Ser Ile Asp Tyr Tyr Asn Met Phe Thr Ser Ile Phe Thr Leu Cys Thr
 48 145 150 155 160
 49 Met Ser Val Asp Arg Tyr Ile Ala Val Cys His Pro Val Lys Ala Leu
 50 165 170 175
 51 Asp Phe Arg Thr Pro Arg Asn Ala Lys Ile Val Asn Val Cys Asn Trp
 52 180 185 190
 53 Ile Leu Ser Ser Ala Ile Gly Leu Pro Val Met Phe Met Ala Thr Thr
 54 195 200 205
 55 Lys Tyr Arg Gln Gly Ser Ile Asp Cys Thr Leu Thr Phe Ser His Pro

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56      210      215      220
57 Thr Trp Tyr Trp Glu Asn Leu Leu Lys Ile Cys Val Phe Ile Phe Ala
58 225      230      235      240
59 Phe Ile Met Pro Ile Leu Ile Ile Thr Val Cys Tyr Gly Leu Met Ile
60      245      250      255
61 Leu Arg Leu Lys Ser Val Arg Met Leu Ser Gly Ser Lys Glu Lys Asp
62      260      265      270
63 Arg Asn Leu Arg Arg Ile Thr Arg Met Val Leu Val Val Val Ala Val
64      275      280      285
65 Phe Ile Val Cys Trp Thr Pro Ile His Ile Tyr Val Ile Ile Lys Ala
66      290      295      300
67 Leu Ile Thr Ile Pro Glu Thr Thr Phe Gln Thr Val Ser Trp His Phe
68 305      310      315      320
69 Cys Ile Ala Leu Gly Tyr Thr Asn Ser Cys Leu Asn Pro Val Leu Tyr
70      325      330      335
71 Ala Phe Leu Asp Glu Asn Phe Lys Arg Cys Phe Arg Glu Phe Cys Ile
72      340      345      350
73 Pro Thr Ser Ser Thr Ile Glu Gln Asn Ser Thr Arg Val Arg Gln
74      355      360      365
75 Asn Thr Arg Glu His Pro Ser Thr Ala Asn Thr Val Asp Arg Thr Asn
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92 <211> LENGTH: 11
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103 <212> TYPE: PRT
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123 <212> TYPE: PRT
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128 1 5 10
131 <210> SEQ ID NO: 7
132 <211> LENGTH: 11
133 <212> TYPE: PRT
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138 1 5 10
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143 <212> TYPE: PRT
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148 1 5 10
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152 <211> LENGTH: 11
153 <212> TYPE: PRT
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161 <210> SEQ ID NO: 10
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163 <212> TYPE: PRT
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166 <400> SEQUENCE: 10
167 Arg Glu Lys Lys Ala Ala Lys Thr Leu Gly Ile
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173 <212> TYPE: PRT
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182 <211> LENGTH: 9
183 <212> TYPE: PRT
184 <213> ORGANISM: Homo sapiens
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Input Set : A:\00398.510002.SEQLIST.TXT

Output Set: N:\CRF3\05102002\J039645.raw

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202 <211> LENGTH: 10
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222 <211> LENGTH: 10
223 <212> TYPE: PRT
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232 <211> LENGTH: 13
233 <212> TYPE: PRT
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236 <400> SEQUENCE: 17
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238 1 5 10
241 <210> SEQ ID NO: 18
242 <211> LENGTH: 21
243 <212> TYPE: PRT
244 <213> ORGANISM: Homo sapiens
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248 1 5 10 15
249 Val Leu Val Ser Thr
250 20
253 <210> SEQ ID NO: 19
254 <211> LENGTH: 15
255 <212> TYPE: PRT

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Input Set : A:\00398.510002.SEQLIST.TXT

Output Set: N:\CRF3\05102002\J039645.raw

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263 <210> SEQ ID NO: 20
264 <211> LENGTH: 11
265 <212> TYPE: PRT
266 <213> ORGANISM: Homo sapiens
268 <400> SEQUENCE: 20
269 Arg Lys Ala Phe Gln Gly Leu Leu Cys Cys Ala
270 1 5 10
273 <210> SEQ ID NO: 21
274 <211> LENGTH: 14
275 <212> TYPE: PRT
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278 <400> SEQUENCE: 21
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280 1 5 10
283 <210> SEQ ID NO: 22
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285 <212> TYPE: PRT
286 <213> ORGANISM: Homo sapiens
288 <400> SEQUENCE: 22
289 Ser Phe Lys Met Ser Phe Lys Arg Glu Thr Lys Val Leu Lys Thr
290 1 5 10 15
293 <210> SEQ ID NO: 23
294 <211> LENGTH: 15
295 <212> TYPE: PRT
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298 <400> SEQUENCE: 23
299 Ala Pro Asp Thr Ser Ile Lys Lys Glu Thr Lys Val Leu Lys Thr
300 1 5 10 15
303 <210> SEQ ID NO: 24
304 <211> LENGTH: 11
305 <212> TYPE: PRT
306 <213> ORGANISM: Homo sapiens
308 <400> SEQUENCE: 24
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313 <210> SEQ ID NO: 25
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323 <210> SEQ ID NO: 26
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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/039,645

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Input Set : A:\00398.510002.SEQLIST.TXT

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